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Effective on 12/8/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

 Applicant Claims small entity status. See 37 CFR 1.27
TOTAL AMOUNT OF PAYMENT (\$)
180

Complete if Known

Application Number	10/699,828
Filing Date	11/04/03
First Named Inventor	MAMITSU et al.
Examiner Name	Potter, Roy Karl

Attorney Docket No. **01-103-CON1**Art Unit **2822**

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: **50-1147** Deposit Account Name: **Posz & Bethards, PLC**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charges fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	160	80	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity

Fee (\$) Fee (\$)

18 9

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Fee (\$) Fee (\$)

88 44

Multiple dependent claims

Fee (\$) Fee (\$)

300 150

Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$)

0 - 20 or HP = 0 x \$50 = \$0 _____

HP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) _____

0 - 3 or HP = 0 x \$200 = \$0 _____

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$ (\$ for small entity)

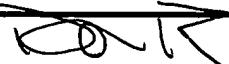
for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41 (a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	\$0	\$0

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement Fee \$180

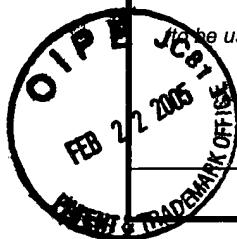
SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	37,701
Name (Print/Type)	DAVID G. POSZ	Telephone	(703) 707-9110

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)



Application Number	10/699,828
Filing Date	November 4, 2003
First Named Inventor	MAMITSU et al.
Group Art Unit	2822
Examiner Name	Potter, Roy Karl
Attorney Docket Number	01-103-CON1

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below):								
<table border="1"> <tr><td>Remarks</td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> </table>			Remarks							
Remarks										

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Posz & Bethards, PLC
Signature	
Date	February 22, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MAMITSU et al.	Atty. Dkt.: 01-103-CON1
Serial No.: 10/699,828	Group Art Unit: 2822
Filed: November 4, 2003	Examiner: Potter, Roy Karl
Title: SEMICONDUCTOR DEVICE HAVING RADIATION STRUCTURE	

Commissioner for Patents
Alexandria, VA 22314

Date: February 22, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the references listed on the attached Form PTO-1449 are being brought to the attention of the Examiner without any admission that they constitute statutory prior art, or without any admission that they contain subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

As a first Office Action on the merits has been mailed in the above identified application, the fee due under 37 C.F.R. 1.17(p) is enclosed. Please charge any additional fee to Applicant's attorney's Deposit Account No. 50-1147.

Respectfully submitted,

David G. Posz
Reg. No. 37,701

Posz & Bethards, PLC
11250 Roger Bacon Drive
Suite 10
Reston, VA 20190
(703) 707-9110 (phone)
Customer No. 23400

FORM PTO-1449	ATTY. DKT NO. 01-103-CON1	SER. NO. 10/699,828
APPLICANT MAMITSU et al.		
FILING DATE November 4, 2003	GROUP 2822	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	6,555,052	04/2003	Soga et al.		
	6,426,877	07/2002	Baba		
	2003/0186072	10/2003	Soga et al.		
	2003/0166812	09/2003	Taniguchi et al.		
	6,084,284	07/2000	Adamic, Jr.		
	5,915,179	06/1999	Etou et al.		
	2003/0042537	03/2003	Nakamura et al.		
	5,977,570	11/1999	Takahashi et al.		
	5,663,097	09/1997	Sakamoto et al.		
	2002/0109183	08/2002	Ishimura et al.		
	2003/0047778	03/2003	Nakamura et al.		
	5,723,882	03/1998	Okabe et al.		
	6,353,258	03/2002	Inoue et al.		
	5,364,802	11/1994	Kataoka et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	TRANSLATION	
								YES	NO Eng. Abstract
		2000-31355	01/2000	JAPAN					X
		10-65072	03/1998	JAPAN					X
		11-284103	10/1999	JAPAN					X

* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at
<http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	